

ECAT Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Francium is an element at the bottom of Group I in the Periodic Table. Which one of the following predication is likely to be correct?	A. It will react with water to liberate oxygen B. Its hydroxide will be a strong alkali in water C. Its carbonate will decompose on heating to give carbon dioxide D. Its nitrate on heating will give nitrogen dioxide and oxygen
2	The total number of orbitals in a shell with principal quantum number 'n' is	A. 2n B. 2n ² C. n ² D. n + 1
3	Alcohol fermentation is brought about by the action of	A. CO ₂ B. O ₂ C. Invertase D. Yeast
4	Hemoglobin is 68000 times heavier than:	A. Oxygen atom B. Nitrogen atom C. Carbon atom D. Hydrogen atom
5	Dehydrohalogenation of alkyl halides give	A. Alkanes B. Alkenes C. Alkynes D. Alkdehyde
6	Transition elements differ from s and p block elements due to their characteristic properties. What is not he characteristic property of transition elements	A. Transition elements show variable oxidation states B. Their salts are coloured C. They can be used as catalyst D. All of them are metals
7	ΔH for an endothermic reaction carries	A. Positive sign B. Negative sign C. Both sign D. None of these
8	A single free chlorine radical can destroy ozone molecules upto:	A. 100000 B. 100 C. 1000 D. 10000
9	In Boyle's law which of the following pair remains constant :	A. Temperature and quality of a gas. B. Pressure and quality of a gas. C. Temperature and pressure D. Temperature and quantity of a gas.
10	[Ti(H ₂ O) ₆] ⁺³ ion absorbs colour:	A. Blue B. Yellow C. Green D. Red
11	The formula of curprite is	A. Cu ₂ S B. Cus C. Cu ₂ O D. CuCO ₃
12	The open chain compounds are also called	A. Aliphatic B. Alicylic C. Aromatic D. Both a and b
		A. Forward
13	Question Image	B. Backward C. Already in equilibrium D. K _c is never less
14	Which of the following pair contains isomers of each other	A. Propanoic acid and propanone B. Acetone and acetaldehyde C. Ethyl alcohol and diethyl ether

		D. Methyl alcohol and dimethyl ether
15	Generally the bond formed by metals with non-metals is	A. lonic B. Covalent C. Polar D. Non- polar
16	The cell in which a non-spontaneous redox reaction takes place as a result electricity is known as :	A. Electrolytic cell. B. Voltaic cell. C. Daniel cell. D. Dry cell.
17	Amongst the following, the compound that can be most readily sulphonated is:	A. Toluene B. Benzene C. nitrobenzene D. chlorobenzene
18	Vegetables oils are:	A. Unsaturated fatty acids B. Glycerides of unsaturated fatty acids C. Essential oils obtained form plants D. None of these
19	Elevation of boiling point is measured by	A. Beckmann's apparatus B. Lands Berger's method C. Antifreeze apparatus D. None of these above
20	The electrode through which the electrons enter the electrolytic solution is electrolytic solution is	A. Anode B. Cathode C. May be anode or cathode D. None of these